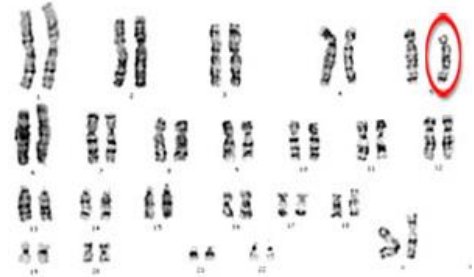


# Genetic Disorders Project

Choose a Genetic Disorder: \_\_\_\_\_

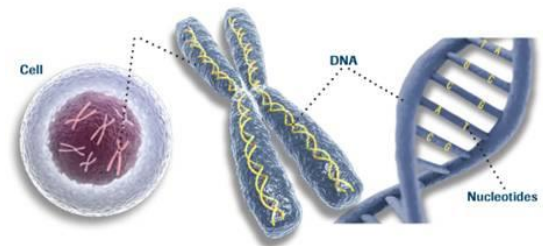


**Project Includes:**

1. Researching a Genetic Disorder
  - a. **2 - 3 credible sources** used. (List on last slide of ppt)
  - b. **APA Format** (see back)
2. Creating a Visual PowerPoint Presentation (7 - 10 slides)
  - a. **Slides should not have more than 10 words each.** Use notecards to supplement that information. No plagiarism, copy & pasting will result in a zero. Put info in your OWN words
    - i. **Slides should include:**
      1. Description of the disorder – What is this disorder?
      2. Symptoms – What happens due to this disorder? How does this disorder affect body functions?
      3. Causes and Inheritance – What chromosome is affected (Sex or autosomal chromosomes)? Dominant or recessive? Is this passed down or a random mutation?
        - a. **Include a Karyotype, Pedigree or Punnett Square to visualize**
      4. Diagnosis – How do you find out if you have this disorder? When do you find out if you have this disorder?
      5. Occurrence – How many people in the world have this disorder? Is it rare or common?
      6. Treatment – What can be done to help alleviate symptoms? Is there a cure?
      7. **\*\*Pictures** (copy & past image URL on sources slide)
3. Presenting Information and PowerPoint to the class

**Grading: 100 Points**

- Research: 20 points
- PowerPoint: 40 points
- Presentation: 40 points



	20 points	15 points	10 points	5 points	0 points
<b>Research</b>	2 References listed; in proper APA format	2 References listed; not all in proper format	1 Reference listed; in proper format	1 Reference listed; not in proper format	No references listed
	40 points	30 points	20 points	10 points	0 points
<b>Power Point</b>	All topics covered, Excellent and thorough information, Less than 10 words/slide	Most topics covered; Above Average; Slides have too many words	Half the topics covered; Average; More than 10 words/slide	Less than half the topics covered; Poor; More than 10 words/slide	Not completed; Unacceptable
<b>Presentation</b>	Explained in your own words; Able to answer questions; Good eye contact	Explained; Some reading off of the board; Little eye contact	Read mostly off of screen; almost no eye contact	Back turned; no eye contact; Not prepared	Didn't present

# HOW TO CITE IN APA FORMAT:

APA article from a database	Author, A. A., Author, B. B., & Author, C. C. (Year). Title of article. <i>Title of Periodical</i> , volume number(issue number), pages. DOI
APA Website	Author, A. A., & Author, B. B. (Date of publication). Title of document. Retrieved date, from name of Website, <a href="http://Web address">http://Web address</a>

## Online Documents

Cherry, K. (2006). Guide to APA format. *About.com Psychology*. Retrieved from <http://psychology.about.com/apastyle/guide.htm>

## Online Journal Articles

Wolak, J. Finkelhor, D., Mitchell, K. J., & Ybarra, M. L. (2008). Online "predators" and their victims: Myths, realities, and implications for prevention and treatment. *American Psychologist*, 63(2), 111-128. Retrieved from <http://apa.org/journals/releases/amp6321111.pdf>

## Article Retrieved from a Database

Keifer, J. (2006). Pavlov's dogs and conditioned responses. *Modern Psychology*, 12(2), 225-236.  
doi: 10.1037/0002-9432.76.4.482

## Online Newspaper Articles

Parker-Pope, T. (2009, August 26). Getting rid of side stitches. *The New York Times*. Retrieved from <http://www.nytimes.com>

## Genetic Disorders:

- Achondroplasia
- Acromegaly (Gigantism)
- Albinism
- Alkaptonuria
- Alzheimers Disease
- Autism
- Bi-Polar Disorder
- Cancer
- Cerebral Palsy
- Chron's Disease
- Color Blindness
- Cri-du-Chat Syndrome
- Cystic Fibrosis
- Diabetes
- Down 's syndrome
- Duane syndrome
- Ectrodactyly
- Epidermodysplasia Verruciformis
- Epilepsy
- Fragile X Syndrome
- Gaucher Disease
- Glaucoma
- Grave's Disease
- Hemophilia
- Huntington's Disease
- Hypertrichosis
- Klinefelter Syndrome (XXY)
- Lesch–Nyhan Syndrome
- Lung cancer
- Lou Gehrig's disease
- Maple Syrup Urine Disease
- Marfan Syndrome
- Myopia
- Neurofibromatosis
- Noonan syndrome
- Osteoporosis
- Parkinson's Disease
- Patau Syndrome
- PKU
- Progeria
- Proteus Syndrome
- Schizophrenia
- Severe Combined Immunodeficiency Disorder (SCID)
- Sickle Cell
- Spina Bifida
- Tay Sach's Disease
- Thalassemia
- Trimethylaminuria
- Turner's Syndrome (XO)
- Uner Tan Syndrome
- XXX Syndrome
- XXY Syndrome

For a longer list, go to: <http://www.genome.gov/10001204>